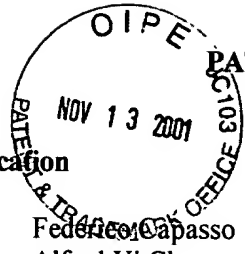


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IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Patent Application

Inventors(s): Federico Capasso  
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Case: 68-107-2-21-3-37

Serial No.: 09/883,542                      Group Art Unit: Not Yet Assigned

Filing Date: June 18, 2001                      Examiner: Not Yet Assigned

Title: Engineering the Gain/Loss Profile of Intersubband Optical Devices  
Having Heterogeneous Cascades

**PETITION FOR EXTENSION OF TIME**

Applicant(s) petition the Commissioner of Patents and Trademarks to extend the time for response to the Office Action dated August 15, 2001, as well as the Notice of Incomplete Reply dated November 7, 2001, for one (1) month from October 15, 2001 to November 15, 2001.

Please charge **LUCENT Technologies Deposit Account No. 12-2325** in the amount of \$110 to cover the cost of the extension. Any deficiency or overpayment should be charged or credited to **Deposit Account No. 12-2325**.

Respectfully,

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Attorney for Applicant(s)  
Reg. No. 24, 522  
610-691-7710

Date: 11/12/01

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